



1st Binational Collaboration Workshop
U.S./Mexico Red Tide Programs
June 10-11, 2003

Embassy Suites Hotel
New Orleans, LA

Tuesday, June 10

8:30 – 9:00am Welcome and Introductions
(Mr. Bryon Griffith, Acting Director, Gulf of Mexico Program Office, U.S. EPA)
(Lic. Juan Manuel Irigoyen Lopez, Planning & Operations Coordinator, Papaloapan Development Council)

- Agreement on Workshop Objectives
- Adoption of Final Working Agenda
- Overview of Collaborative Concepts

OPENING PLENARY

Expert Panel Overviews of Relevant Regional/National/International Programs

9:00 – 9:25am **Gulf of Mexico Coastal Ocean Observing System**
(Dr. Frank Muller-Karger, Professor, Institute for Marine Remote Sensing - University of South Florida)

9:25 – 9:55am **Hazardous Algal Blooms Observing System Pilot**
(Mr. Joe Stinus – Director, NOAA - National Coastal Data Development Center – Stennis Space Center, MS)
(Dr. Mary Culver, NOAA - Coastal Services Center – Charleston, SC)

9:55 – 10:20am **Space-based Remote Sensing Programs Update**
(Dr. Marco Giardino – Chief, Applications Integration Division - NASA – Earth Sciences Applications Directorate – Stennis Space Center, MS)

10:20 – 10:45am **Whitewater to Bluewater**
(Ms. Diane Regas – Director, Office of Wetlands, Oceans & Watersheds, U.S. EPA HQ)

10:45 – 11:15am **Bi-National Plan for the Attention of Hazardous Algal Blooms – A Proposal**
(Dr. Jorge Nicolas Chantiri Perez – Director of Regulations and Sanitary Development, Veracruz Health Services)

11:15 – 11:30am ***Break (Workshop Set-up)*******

Building Block 1: Establish Common Monitoring/Sampling Programs

11:30 – 1:00pm

- A. Sampling Methods & Protocols – What data are collected, in what format, and at what frequency?**
1. Review of Current Program Designs (Gulf States)
 - a. Mexico
 - *(Dra. Maria Amparo Martinez Arroyo, Secretary Advisory - SEMARNAT)*
 - *(Dr. Jesus Garcia Cabrera, Laboratory & Monitoring Manager – National Water Commission)*
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 - b. U.S.
 - *(Dr. Karen Steidinger, Florida Marine Research Institute)*
 - *(Dr. Kirk Wiles, Texas Department of Health)*
 - *(Dr. Tracy Villareal, Marine Science Institute, University of Texas)*
 2. Identification & Resolution of Compatibility Issues
 3. Establishment of Follow-up Actions & Commitments
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1:00 – 3:00pm

*******LUNCH*******

II. Building Block 2: Design Compatible Observing System Frameworks

3:00 - 4:15pm

- A. Fixed Monitoring Stations (Buoys) - What parameters do they observe and report. Where are/will they be located and why?**
1. Review of Current Deployments (Gulf States)
 - a. Mexico
 - *(Ing. Eduardo Garcia Santaella, Papaloapan Development Council)*
 - b. U.S.
 - *(Mr. Landry Bernard, NOAA/National Data Buoy)*

2. Identification/ & Resolution of Compatibility Issues
3. Establishment of Follow-up Actions & Commitments

B. Satellite-based Remote Sensing - How is it used to support the monitoring plan(s)?

1. Review of Current Program Applications (Gulf States)
 - a. Mexico
 - *(Lic. Juan Manuel Irigoyen Lopez, Papaloapan Development Council)*
 - b. U.S.
 - *(Dr. Karen Steidinger, Florida Marine Research Institute)*
 - *(Dr. Merrill Johnson, University of New Orleans)*
2. Identification/ & Resolution of Compatibility Issues
3. Establishment of Follow-up Actions & Commitments

Building Block 3: Integrate Information Technology Architectures

4:15 - 5:30pm

A. Monitoring Data Storage, Access, and Dissemination

1. Review of Current Information Technology Architectures
 - a. U.S.
 - (Dr. Tim Orsi, NOAA/National Coastal Data Development Center)*
 - b. Mexico
 - (- To be Determined -)*
2. Identification & Resolution of Compatibility Issues
3. Establishment of Follow-up Actions & Commitments

5:30 – 7:00pm

SOCIAL - (Hotel Lounge)

Wednesday, June 11

Building Block 4: Financing & Support Strategies (Brainstorming)

8:30 - 10:15am

A. Start-up Capitalization (1-2 yrs.)

FEDERAL – U.S.

NOAA

1. Solicitation for the Development of Regional Coastal Observing Systems
2. Hazardous Algal Bloom Research & Control Act (HABRCA)
3. IOOS / GCOOS

EPA

1. Gulf of Mexico Program Partnerships (re: HABSOS Program Pilot Extensions)
2. White Water to Blue Water

FWS

1. _____

NAVY

1. _____

NASA

1. _____

FEDERAL – MEXICO

SEMARNAT

1. _____

Water Commission

2. _____

BI-NATIONAL STATES

Gulf States Governors Accord Support Program

1. _____

INTERNATIONAL & OTHER

United Nations Environment Program

1. _____

B. Program Stabilization (3-5 yrs.)

C. Long-term Operations & Maintenance (5-10 yrs.)

10:15 – 10:30am ***Break*******

10:30 – 11:45am Summary Session I: Verify Structural Agreements

- A. Building Block 1: Monitoring & Sampling Program
 - B. Building Block 2: Observing System Framework
 - C. Building Block 3: Integrated IT Architecture
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11:45 – 1:00pm Summary Session II: Verify Follow-up Actions & Commitments

- A. Building Block 1: Monitoring & Sampling Program
 - B. Building Block 2: Observing System Framework
 - C. Building Block 3: Integrated IT Architecture
 - D. Building Block 4: Financing Strategies
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1:00 – 3:00pm ***LUNCH*******

3:00 – 4:30pm Summary Session III: Development of Draft Implementation Schedule

4:30 – 5:30pm Workshop Wrap-up (re: Loose Ends / Next Steps)

5:30 – 7:00pm CLOSING SOCIAL - (Hotel Lounge)

Thursday, June 12

Technical Networking Session

8:30 – 12:00pm **No formal agenda for this networking session. Meeting room and logistics reserved for U.S. and Mexico technical representatives to discuss technical aspects of the collaborative agreements reached in the course of the Workshop.**
